

## I Claim:

Subc1  
5 1. A composition suitable for making acoustical tiles in a water-felting process, said composition comprising a lightweight aggregate, cellulosic fiber, a reactive water-soluble polymer binder and, optionally, mineral wool.

2. The composition described in claim 1, wherein said binder has a cationic charge.

10 3. The composition described in claim 2, wherein said binder has positively charged azetidinium groups.

4. The composition described in claim 3, wherein said binder is a polyamine epichlorohydrin resin binder.

15 5. The composition described in claim 4 comprising up to 4.0% of polyamine epichlorohydrin resin based on the dry weight of the composition.

6. The composition described in claim 5 comprising about 2.5% of polyamine epichlorohydrin resin based on the dry weight of the composition.

20 7. The composition described in claim 1, wherein said binder comprises a reactive water-soluble cationic polymer and starch.

Subc2  
8. The composition described in claim 1, comprising retention aid that promotes aggregation.

